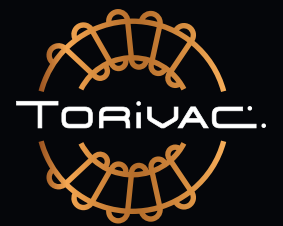


# PACKED ELECTRIC COILS



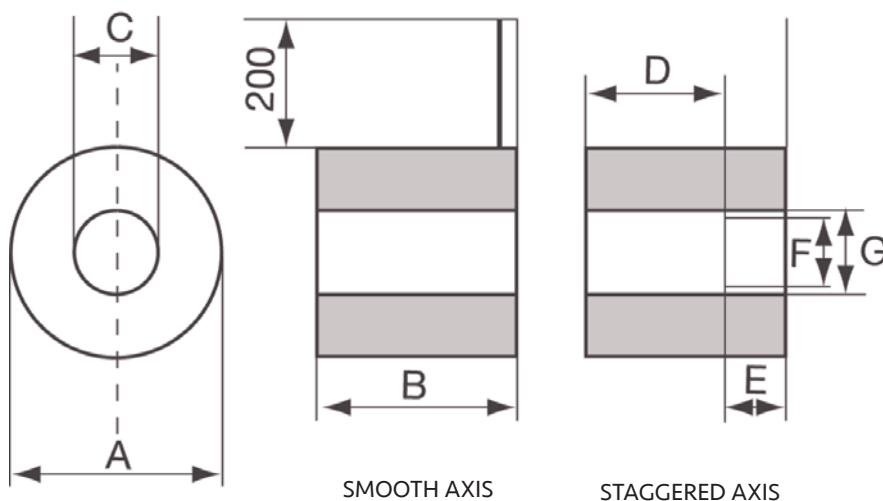
# PACKED ELECTRIC COILS



## GENERAL CONSIDERATIONS

The coils for electromagnets, encapsulated in epoxy resin, offer a high degree of dielectric rigidity and an optimal magnetic properties due to their design and mechanical construction.

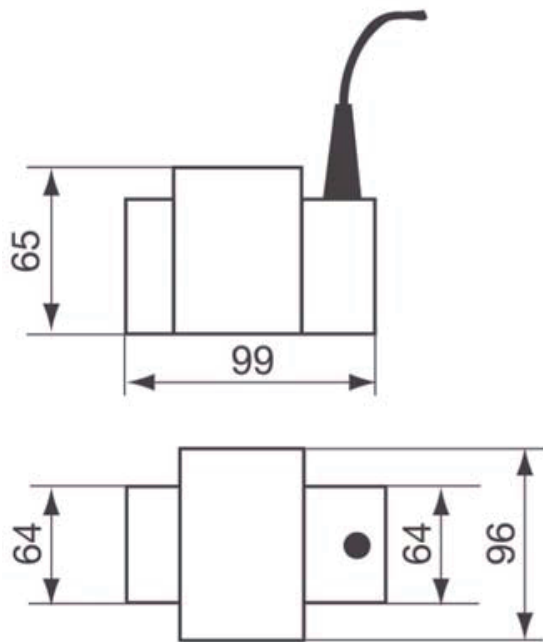
VA	A	B	C	D	E	F	G	Kg
50	60	54	24	--	--	--	--	0.450
100	68	58	--	38	20	26	28	0.735
150	73	60	28	--	--	--	--	0.955
200	82	64	--	44	20	28	31	1.225
200	82	64	30	--	--	--	--	1.225





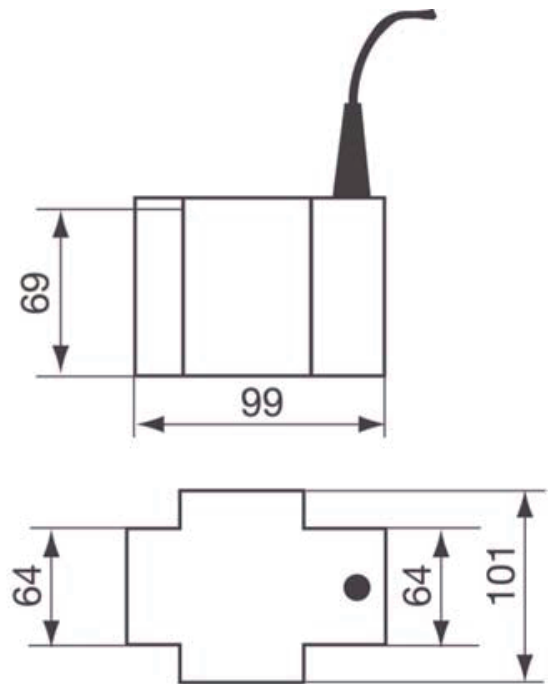
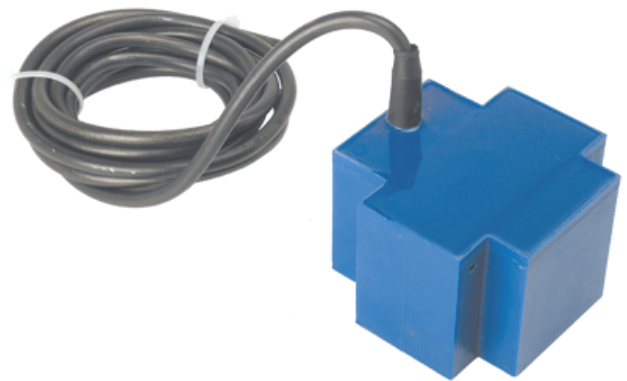
## LAMINATED CORE ELECTROMAGNETS

### Partially Encapsulation



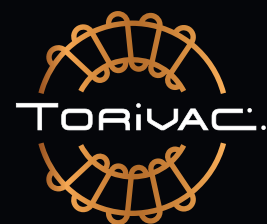
Kg. 2,635

### Complete Encapsulation



Kg. 2,750

# WIRE WOUND POTENTIOMETERS & CERAMIC RHEOSTATS



# WIRE WOUND POTENTIOMETERS & CERAMIC RHEOSTATS



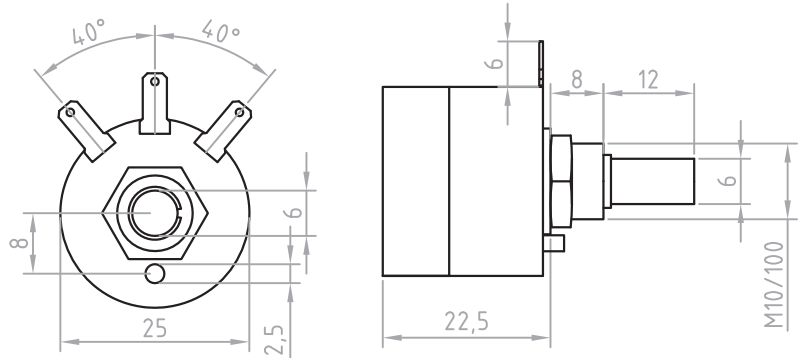
## 3 AND SW WIRE WOUND POTENTIOMETERS

### 3W Potentiometer

The 3W potentiometer is distinguished by its small diameter (25mm) in spite of its real dissipation of 3 W. Its 3% linearity makes it suitable for uses where a fine adjustment is required. Values according to the E-10 series, but we can furnish other values, by order.

#### Principal Characteristics

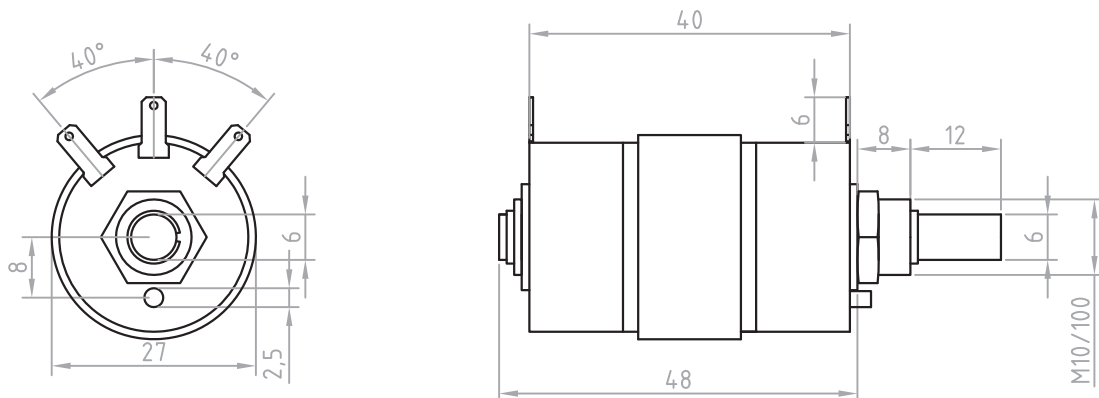
- \* Terminals 3.2 x 0,5 mm
- \* Hermetic against the dust
- \* Polyamide 6 with fibreglass, 12mm shaft (Ø 6mm.)
- \* Tilting slider providing great endurance
- \* Resistance range: 5 Ω , to 22 k.
- \* Rotation angle: 280°
- \* Tolerance: 10%
- \* Breakdown voltage over 1000v.
- \* Net weight: 22 grs.
- \* Operating temperature: -20°/+60°
- \* UL rating: 94V-0
- \* Packing: box of 25 pcs.



## TWIN POTENTIOMETER

This twin, 2x3 W. wirewound potentiometer is a variant of our well-known type 3W and designed for stereo equipments. Its electrical and physical characteristics are the same as the mentioned 3W. Net weight: 40 grs.

**Packing:** Box of 25 pcs.



# WIRE WOUND POTENTIOMETERS & CERAMIC RHEOSTATS

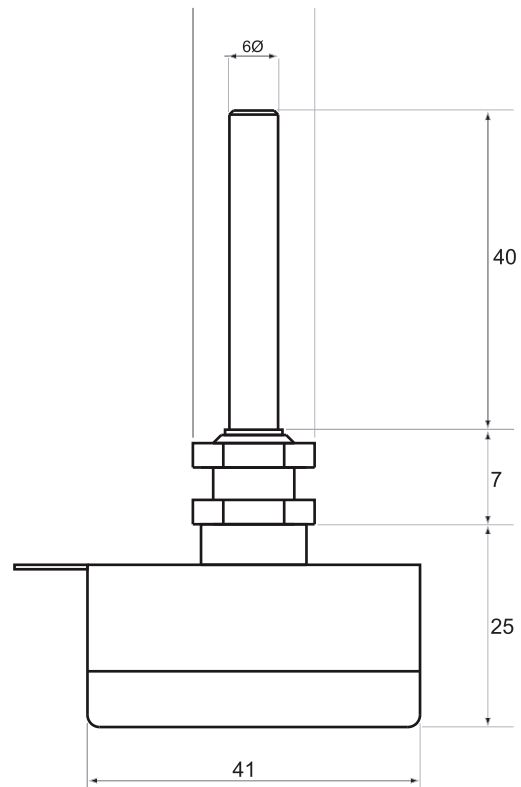
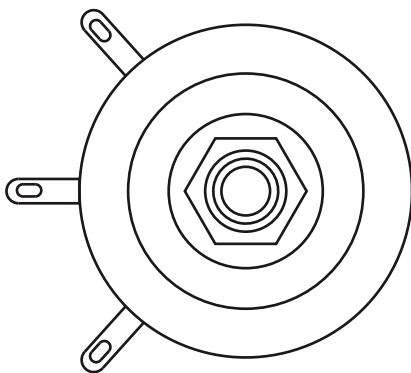


## 5W POTENTIOMETER

Our 5W. potentiometer distinguish themselves by the original design of the slider-contact. Its consists of a metallic roller on top of a tangential spring. The turning of the spring produces a hypocycloidal movement of the roller on the flat side of the resistor-strip, thus avoiding the abrasion of the wire. The ends of the resistor-strip are colloidal-silver painted so, that practically there is no residual resistance.

### Characteristics

- \* Terminals 3.2 x 0,5 mm
- \* Power rating at 25°C: 5W
- \* Resistance distribution: lin.
- \* Resistance range: 5  $\Omega$  - 50 K $\Omega$
- \* Tolerance: 6%
- \* Breakdown voltage: > 1000v.
- \* Mechanical angle of rotation: 264°
- \* Electrical angle of rotation: 250°
- \* Mech. breakdown of the stop: 8 kg/cm.
- \* Standard shaft length: 40 mm.
- \* Net weight: 40 grs.
- \* Temperature increasing at full load: 75°C



# WIRE WOUND POTENTIOMETERS & CERAMIC RHEOSTATS



## CERAMIC RHEOSTATS (POTENTIOMETERS)

Our heavy potentiometers and rheostats are made in the following powers : 15-30-40-60-80-125-250-500 and 1000 Watts.

These nominal powers are applicable in good conditions of ventilation. If the installation becomes in closets or closed boxes, where ventilation is insufficient these powers are due to reduce until about 20%.

The ceramic core is made of hard non hygroscopic steatite, thus avoiding corrosion due to electrolysis. The core is wound with high quality copper-nickel or chrome-aluminium wire, according to the required ohmic value and power of the winding.

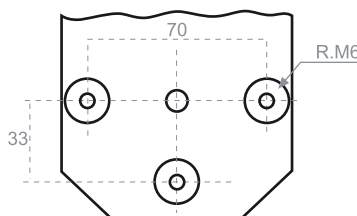
Each turn of the winding is hold firmly in place and protected against mechanical damages, by a hard, heat-resistant ceramic cement.

This cement coating which resists 900°C has a fast heat dissipation due to its good heat conductivity and matt radiating surface.

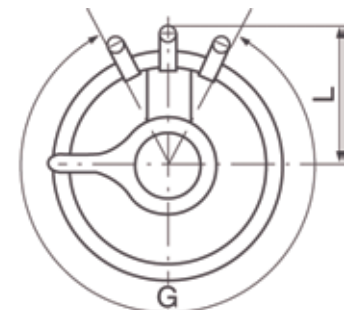
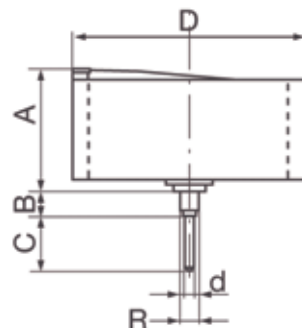
The slider is a fine-silver brush, according to the requirements. Besides linear windings, to order we can wind multi/sections windings, according to customer's needs or specifications, in order to provide a non-linear response.



POTENCIA POWER	A	B	C	D	d	R	G	L	PESO (KG.) WEIGHT (KG.)	GAMA DE VALORES OHMIC VALUES
PC12	25	8	10	32	6	M-10	290°	25	0,028	5Ω – 10kΩ
PC25	35	8	38	45	6	M-10	280°	30	0,125	5Ω – 20kΩ
PC35	40	12	32	55	6	M-10	278°	35	0,140	5Ω – 25kΩ
PC50	40	12	37	65	6	M-10	310°	41	0,150	5Ω – 25kΩ
PC75	43	12	37	73	6	M-10	317°	45	0,200	5Ω – 25kΩ
PC125	60	12	18	87	6	M-10	302°	53	0,360	5Ω – 15kΩ
PC250	60	12	18	117	6	M-10	314°	70	0,535	5Ω – 15kΩ
PC500	86	12	36	144	8	M-12	310°	85	1,225	5Ω – 10kΩ
PC1000	103	10	54	205	8	(1)	320°	115	2,700	3Ω – 10kΩ



(1)  
Anclaje Mod. PC-1000

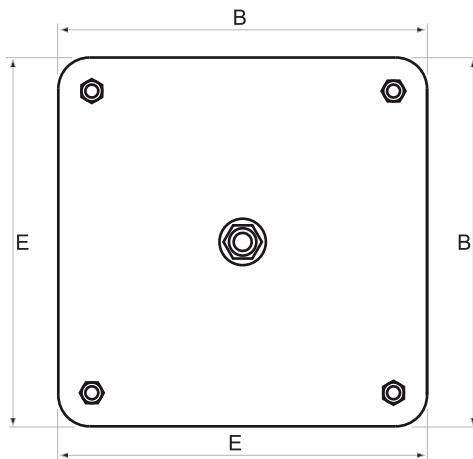


# WIRE WOUND POTENTIOMETERS & CERAMIC RHEOSTATS

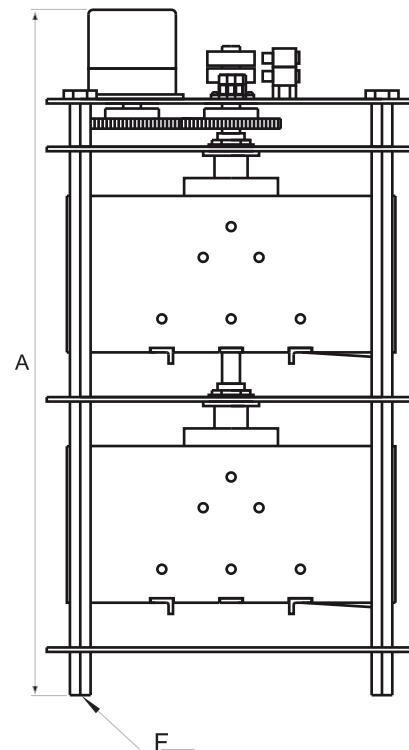
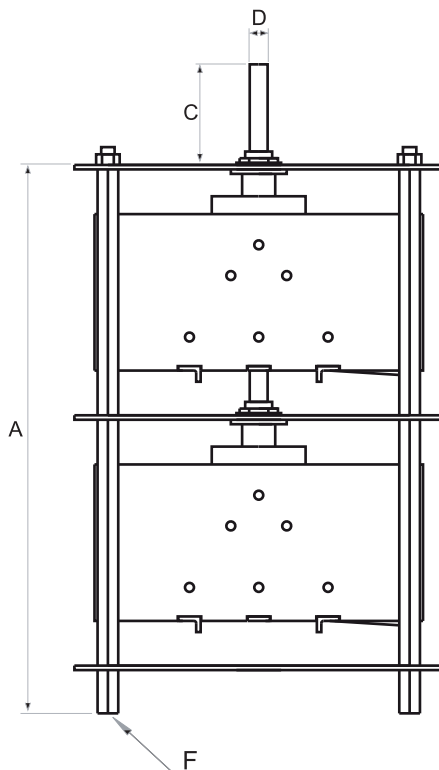
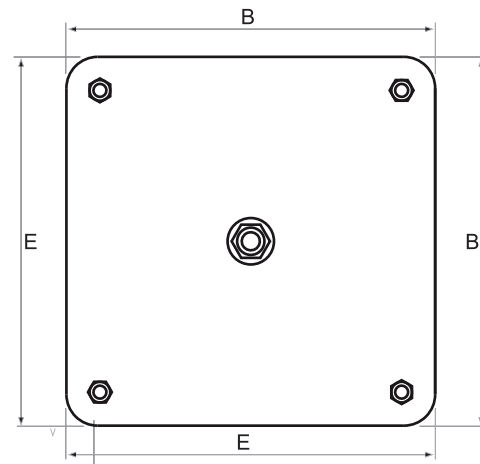


REOSTATO TANDEM DOBLE									
POTENCIA POWER	A		B	C		D		E	F
	MANUAL	MOTOR.		MANUAL	MOTOR.	MANUAL	MOTOR.		
2x250W	180	240	115	18	--	6	--	100	M-6
2x500W	230	300	165	36	--	8	--	125	M-6
2x1000W	270	350	235	54	--	8	--	195	M-8

## Manual Control



## Power-assisted control



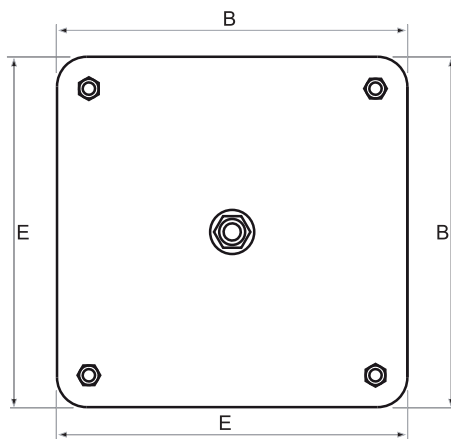


# WIRE WOUND POTENTIOMETERS & CERAMIC RHEOSTATS



REOSTATO TANDEM TRIPLE									
POTENCIA POWER	A		B	C		D		E	F
	MANUAL	MOTOR.		MANUAL	MOTOR.	MANUAL	MOTOR.		
3x250W	300	240	115	18	--	6	--	100	M-6
3x500W	370	300	165	36	--	8	--	125	M-6
3x1000W	430	350	235	54	--	8	--	195	M-8

**Manual Control**



**Power-assisted control**

